Bruhat Bengaluru Mahanagara Palike

BRUHAT BENGALURU MAHANAGARA PALIKE,
BYATARAYANAPURA DIVISION

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Samba Shiva
007-22-000004

EMB

"FIRST & FINAL BILL"

BRUHAT BENGALURU MAHANAGARA PALIKE,
BYATARAYANAPURA DIVISION

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

PRE-MEASUREMENT SHEETS

"FIRST & FINAL BILL"

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 30/3/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.(I.NO 19.1,Page no 143 SR 2018-19)						
			Previous Qunatity			**0.00**	
	B.S Slab Drain						
	Vinayaka Layout 2nd Stage						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.20	3.60	
	CH: 90.00 to 120.00 m	1	30.00	0.60	0.20	3.60	
	4th main 2nd Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.20	3.60	
	CH: 90.00 to 116.95	1	26.95	0.60	0.20	3.23	
	5th main Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 31.00 m	1	1.00	0.60	0.20	0.12	
	5th main Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 31.00 m	1	1.00	0.60	0.20	0.12	
	5th Main 1st Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 83.00 m	1	23.00	0.60	0.20	2.76	
	5th Main 1st Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 83.00 m	1	23.00	0.60	0.20	2.76	
	4th Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.20	3.60	
	CH: 90.00 to 110.00 m	1	20.00	0.60	0.20	2.40	
	4th Cross Road RHS						

68.99

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.20	3.60	
	CH: 90.00 to 110.00 m	1	20.00	0.60	0.20	2.40	
	3rd Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.20	3.60	
	CH: 90.00 to 106.00 m	1	16.00	0.60	0.20	1.92	
	3rd Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.20	3.60	
	CH: 90.00 to 106.00 m	1	16.00	0.60	0.20	1.92	
	2nd Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.20	3.60	
	CH: 90.00 to 95.00 m	1	5.00	0.60	0.20	0.60	
	2nd Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.20	3.60	
	CH: 90.00 to 95.00 m	1	5.00	0.60	0.20	0.60	
	1st Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.20	3.60	
	1st Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.20	3.60	
	Cross Roads from 1st to 4th Cross LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 75.00 m	1	15.00	0.60	0.20	1.80	
	Cross Roads from 1st to 4th Cross RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.20	3.60	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.20	3.60	
	CH: 60.00 to 75.00 m	1	15.00	0.60	0.20	1.80	
	CC Drain						
	Navya Nagar Drain						

SHRIYA CONSTRUCTION AND CONSULTANCY

101.04

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	3rd Cross Road L Type LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.75	0.75	16.88	
	CH: 30.00 to 60.00 m	1	30.00	0.75	0.75	16.88	
	CH: 60.00 to 90.00 m	1	30.00	0.75	0.75	16.88	
	CH: 90.00 to 108.00 m	1	18.00	0.75	0.75	10.13	
	3rd Cross Road L Type RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.75	0.75	16.88	
	CH: 30.00 to 60.00 m	1	30.00	0.75	0.75	16.88	
	CH: 60.00 to 90.00 m	1	30.00	0.75	0.75	16.88	
	CH: 90.00 to 108.00 m	1	18.00	0.75	0.75	10.13	
	Culverts						
	4th main	1	6.40	1.00	0.90	5.76	
	5th main Road	1	6.60	1.00	0.90	5.94	
	5th Main 1st Cross	1	6.40	1.00	0.90	5.76	
	4th Cross Road	1	6.60	1.00	0.90	5.94	
	3rd Cross Road	1	6.60	1.00	0.90	5.94	
	2nd Cross Road	1	6.40	1.00	0.90	5.76	
	1st Cross Road	1	6.40	1.00	0.90	5.76	30/3/22 162.36
				Present Qty		332.39	Cum

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

SHILPA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 8/4/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	KSRB 4-12: Providing and laying Plain cement concrete 1:3:6 mix with OPC 220kgs with crushed stone aggregate 40 mm and down size graded granite metal coarse aggregates @0.892Cum and fine aggregates @ 0.465Cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No-13,I No-4.2 of PWD BCSR 2018-19)						
			Previous Qunatity			**0.00**	
	B.S Slab Drain						
	Vinayaka Layout 2nd Stage						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.15	2.70	
	CH: 90.00 to 120.00 m	1	30.00	0.60	0.15	2.70	
	4th main 2nd Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.15	2.70	
	CH: 90.00 to 116.95	1	26.95	0.60	0.15	2.43	
	5th main Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 31.00 m	1	1.00	0.60	0.15	0.09	
	5th main Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 31.00 m	1	1.00	0.60	0.15	0.09	
	5th Main 1st Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 83.00 m	1	23.00	0.60	0.15	2.07	
	5th Main 1st Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 83.00 m	1	23.00	0.60	0.15	2.07	
	4th Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.15	2.70	

SHRIYA CONSTRUCTION AND CONSULTANCY

Ashilly. N.D

49.95

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 90.00 to 110.00 m	1	20.00	0.60	0.10	1.20	
	4th Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.15	2.70	
	CH: 90.00 to 110.00 m	1	20.00	0.60	0.15	1.80	
	3rd Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.15	2.70	
	CH: 90.00 to 106.00 m	1	16.00	0.60	0.15	1.44	
	3rd Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.15	2.70	
	CH: 90.00 to 106.00 m	1	16.00	0.60	0.10	0.96	
	2nd Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.15	2.70	
	CH: 90.00 to 95.00 m	1	5.00	0.60	0.15	0.45	
	2nd Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.15	2.70	
	CH: 90.00 to 95.00 m	1	5.00	0.60	0.15	0.45	
	1st Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.15	2.70	
	1st Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 90.00 m	1	30.00	0.60	0.15	2.70	
	Cross Roads from 1st to 4th Cross LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 75.00 m	1	15.00	0.60	0.15	1.35	
	Cross Roads from 1st to 4th Cross RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.60	0.15	2.70	
	CH: 30.00 to 60.00 m	1	30.00	0.60	0.15	2.70	
	CH: 60.00 to 75.00 m	1	15.00	0.60	0.15	1.35	

76.50

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CC Drain						
	Navya Nagar Drain						
	3rd Cross Road L Type LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.75	0.15	3.38	
	CH: 30.00 to 60.00 m	1	30.00	0.75	0.15	3.38	
	CH: 60.00 to 90.00 m	1	30.00	0.75	0.15	3.38	
	CH: 90.00 to 108.00 m	1	18.00	0.75	0.15	2.03	
	3rd Cross Road L Type RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.75	0.15	3.38	
	CH: 30.00 to 60.00 m	1	30.00	0.75	0.15	3.38	
	CH: 60.00 to 90.00 m	1	30.00	0.75	0.15	3.38	
	CH: 90.00 to 108.00 m	1	18.00	0.75	0.15	2.03	
	Culverts						
	4th main	1	6.40	1.00	0.15	0.96	
	5th main Road	1	6.60	1.00	0.15	0.99	
	5th Main 1st Cross	1	6.40	1.00	0.15	0.96	
	4th Cross Road	1	6.60	1.00	0.15	0.99	
	3rd Cross Road	1	6.60	1.00	0.15	0.99	
	2nd Cross Road	1	6.40	1.00	0.15	0.96	
	1st Cross Road	1	6.40	1.00	0.15	0.96	8/4/22
						31.01	
				Present Qty		157.56	Cum

c+f

8/4/22

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

(7)

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 13/4/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification No. Pg No.229 Item No.28.8.2						
			Previous Qunatity			0.00	
	Navya Nagar Drain						
	3rd Cross Road L Type LHS						
	Total Drain length = 108.00 m						
	Main bar 12mm dia bar @ 150mmC/c						
	12mm bar unit weight = 0.89kg/mtr		720	1.35	0.89	865.08	
	Distribution bar 10mm dia 150mm C/c						
	10mm bar unit weight = 0.61kg/mtr		10	107.30	0.61	654.53	
	3rd Cross Road L Type RHS						
	Total Drain length = 108.00 m						
	Main bar 12mm dia bar @ 150mmC/c						
	12mm bar unit weight = 0.89kg/mtr		720	1.35	0.89	865.08	
	Distribution bar 10mm dia 150mm C/c						
	10mm bar unit weight = 0.61kg/mtr		10	107.20	0.61	653.92	
	Culverts LHS Side						
	Total culvert Length= 45.40 m						
	Main bar 12mm dia bar @ 125mmC/c						
	12mm bar unit weight = 0.89kg/mtr	(375*2)	752	1.35	0.89	903.53	
	Distribution bar 10mm dia 150mm C/c	Double Mat for Culvert =(375*2)					13/4/22
	10mm bar unit weight = 0.61kg/mtr		10	43.00	0.61	262.30	
						4204.44	
					Present Qty	4.20	MT

13/4/22

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

N.D
Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 9/4/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	Providing Granite slabs of selected quality roughly dressed and fixedin cement mortor (1:6) including fixing, curing etc.,complete 7.5 cms thick (Item No 5.31.1, P no 27, KPWD SR 2018-19) M20 nod mod mix						
			Previous Qunatity			**0.00**	
	B.S Slab Drain						
	Vinayaka Layout 2nd Stage						
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50	
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50	
	CH: 60.00 to 90.00 m	1	30.00	1.35		40.50	
	CH: 90.00 to 120.00 m	1	30.00	1.35		40.50	
	4th main 2nd Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50	
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50	
	CH: 60.00 to 90.00 m	1	30.00	1.35		40.50	
	CH: 90.00 to 116.95	1	26.95	1.35		36.38	
	5th main Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50	
	CH: 30.00 to 31.00 m	1	1.00	1.35		1.35	
	5th main Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50	
	CH: 30.00 to 31.00 m	1	1.00	1.35		1.35	
	5th Main 1st Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50	
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50	
	CH: 60.00 to 83.00 m	1	23.00	1.35		31.05	
	5th Main 1st Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50	
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50	
	CH: 60.00 to 83.00 m	1	23.00	1.35		31.05	
	4th Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50	
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50	
	CH: 60.00 to 90.00 m	1	30.00	1.35		40.50	
	CH: 90.00 to 110.00 m	1	20.00	1.35		27.00	
	4th Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50	
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50	

857.18

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 60.00 to 90.00 m	1	30.00	1.35		40.50
	CH: 90.00 to 110.00 m	1	20.00	1.35		27.00
	3rd Cross Road LHS					
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50
	CH: 60.00 to 90.00 m	1	30.00	1.35		40.50
	CH: 90.00 to 106.00 m	1	16.00	1.35		21.60
	3rd Cross Road RHS					
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50
	CH: 60.00 to 90.00 m	1	30.00	1.35		40.50
	CH: 90.00 to 106.00 m	1	16.00	1.35		21.60
	2nd Cross Road LHS					
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50
	CH: 60.00 to 90.00 m	1	30.00	1.35		40.50
	CH: 90.00 to 95.00 m	1	5.00	1.35		6.75
	2nd Cross Road RHS					
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50
	CH: 60.00 to 90.00 m	1	30.00	1.35		40.50
	CH: 90.00 to 95.00 m	1	5.00	1.35		6.75
	1st Cross Road LHS					
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50
	CH: 60.00 to 90.00 m	1	30.00	1.35		40.50
	1st Cross Road RHS					
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50
	CH: 60.00 to 90.00 m	1	30.00	1.35		40.50
	Cross Roads from 1st to 4th Cross LHS					
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50
	CH: 60.00 to 75.00 m	1	15.00	1.35		20.25

954.45

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	Cross Roads from 1st to 4th Cross RHS						
	CH: 00.00 to 30.00 m	1	30.00	1.35		40.50	
	CH: 30.00 to 60.00 m	1	30.00	1.35		40.50	
	CH: 60.00 to 75.00 m	1	15.00	1.35		20.25	09/4/22
						101.25	
				Present Qty		1912.88	Sqm

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

SHIVA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 9/5/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	Providing Granite slabs of selected quality roughly dressed and fixedin cement mortor (1:6) including fixing, curing etc.,complete 10 cms thick (Item No 5.31.12, P no 27, KPWD SR 2018-19) pre cast slab - 100 mm ← Direct measure						
			Previous Qunatity			**0.00**	
	B.S Slab Drain						
	Vinayaka Layout 2nd Stage						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00	
	CH: 90.00 to 120.00 m	1	30.00	0.90		27.00	
	4th main 2nd Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00	
	CH: 90.00 to 116.95	1	26.95	0.90		24.26	
	5th main Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 31.00 m	1	1.00	0.90		0.90	
	5th main Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 31.00 m	1	1.00	0.90		0.90	
	5th Main 1st Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 83.00 m	1	23.00	0.90		20.70	
	5th Main 1st Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 83.00 m	1	23.00	0.90		20.70	
	4th Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00	
	CH: 90.00 to 110.00 m	1	20.00	0.90		18.00	
	4th Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	

521.46

SHRIYA CONSTRUCTION AND CONSULTANCY

M/s M.Y. N.D

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00	
	CH: 90.00 to 110.00 m	1	20.00	0.90		18.00	
	3rd Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00	
	CH: 90.00 to 106.00 m	1	16.00	0.90		14.40	
	3rd Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00	
	CH: 90.00 to 106.00 m	1	16.00	0.90		14.40	
	2nd Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00	
	CH: 90.00 to 95.00 m	1	5.00	0.90		4.50	
	2nd Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00	
	CH: 90.00 to 95.00 m	1	5.00	0.90		4.50	
	1st Cross Road LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00	
	1st Cross Road RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00	
	Cross Roads from 1st to 4th Cross LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 75.00 m	1	15.00	0.90		13.50	
	Cross Roads from 1st to 4th Cross RHS						

636.30

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00	
	CH: 60.00 to 75.00 m	1	15.00	0.90		13.50	9/5/22
						67.50	
					Present Qty	1275.26	Sqm

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

PMC

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69Cum and fine aggregate at 0.43Cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification WALL & Bottom thickness 15Cm(Item No 37.59.2 page no 271)						
			Previous Qunatity			**0.00**	
	CC Drain Raft						
	Navya Nagar Drain						
	3rd Cross Road L Type LHS						
	CH: 00.00 to 30.00 m	1	30.00	0.75	0.15	3.38	
	CH: 30.00 to 60.00 m	1	30.00	0.75	0.15	3.38	
	CH: 60.00 to 90.00 m	1	30.00	0.75	0.15	3.38	
	CH: 90.00 to 108.00 m	1	18.00	0.75	0.15	2.03	
	3rd Cross Road L Type RHS						
	CH: 00.00 to 30.00 m	1	30.00	0.75	0.15	3.38	
	CH: 30.00 to 60.00 m	1	30.00	0.75	0.15	3.38	
	CH: 60.00 to 90.00 m	1	30.00	0.75	0.15	3.38	
	CH: 90.00 to 108.00 m	1	18.00	0.75	0.15	2.03	4/4/22
	CC Drain Side Walls						
	Navya Nagar Drain						
	3rd Cross Road L Type LHS						
	CH: 00.00 to 30.00 m	2	30.00	0.15	0.45	4.05	
	CH: 30.00 to 60.00 m	2	30.00	0.15	0.45	4.05	
	CH: 60.00 to 90.00 m	2	30.00	0.15	0.45	4.05	
	CH: 90.00 to 108.00 m	2	18.00	0.15	0.45	2.43	
	3rd Cross Road L Type RHS						
	CH: 00.00 to 30.00 m	2	30.00	0.15	0.45	4.05	
	CH: 30.00 to 60.00 m	2	30.00	0.15	0.45	4.05	
	CH: 60.00 to 90.00 m	2	30.00	0.15	0.45	4.05	
	CH: 90.00 to 108.00 m	2	18.00	0.15	0.45	2.43	15/4/22
	Culverts Raft Concrete						
	4th main	1	6.40	0.90	0.15	0.86	
	5th main Road	1	6.60	0.90	0.15	0.89	

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

N.D

55.22

	5th Main 1st Cross	1	6.40	0.90	0.15	0.86	
	4th Cross Road	1	6.60	0.90	0.15	0.89	
	3rd Cross Road	1	6.60	0.90	0.15	0.89	
	2nd Cross Road	1	6.40	0.90	0.15	0.86	
	1st Cross Road	1	6.40	0.90	0.15	0.86	
	Culverts Raft Concrete						
	4th main	2	6.40	0.15	0.50	0.96	
	5th main Road	2	6.60	0.15	0.50	0.99	
	5th Main 1st Cross	2	6.40	0.15	0.50	0.96	
	4th Cross Road	2	6.60	0.15	0.50	0.99	
	3rd Cross Road	2	6.60	0.15	0.50	0.99	
	2nd Cross Road	2	6.40	0.15	0.50	0.96	
	1st Cross Road	2	6.40	0.15	0.50	0.96	4/4/22
						11.18	
					Present Qty	66.40	Cum

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 11/4/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading (I No 19.14,P No-143) (8 km lead = 2*1.28X5)						
			Previous Qunatity			0.00	
	Veerannapalya Main Road						
	CH: 00.00 to 30.00 m	1	30.00	(2.00 + 2.00) / 2	0.20	12.00	
	CH: 30.00 to 60.00 m	1	30.00	(2.00 + 2.00) / 2	0.20	12.00	
	CH: 60.00 to 80.00 m	1	20.00	(2.00 + 2.00) / 2	0.20	8.00	
	CH: 80.00 to 110.00 m	1	30.00	(2.00 + 2.00) / 2	0.20	12.00	
	CH: 110.00 to 140.00 m	1	30.00	(2.00 + 2.00) / 2	0.20	12.00	
	CH: 140.00 to 170.00 m	1	30.00	(2.00 + 2.00) / 2	0.25	15.00	
	CH: 170.00 to 200.00 m	1	30.00	(2.00 + 2.00) / 2	0.25	15.00	
	CH: 200.00 to 230.00 m	1	30.00	(2.00 + 2.00) / 2	0.25	15.00	
	CH: 230.00 to 260.00 m	1	30.00	(2.00 + 2.00) / 2	0.25	15.00	
	CH: 260.00 to 290.00 m	1	30.00	(2.00 + 2.00) / 2	0.25	15.00	
	CH: 290.00 to 320.00 m	1	30.00	(2.00 + 2.00) / 2	0.25	15.00	
	CH: 320.00 to 350.00 m	1	30.00	(2.00 + 2.00) / 2	0.25	15.00	
	CH: 350.00 to 380.00 m	1	30.00	(2.00 + 2.00) / 2	0.25	15.00	
	CH: 380.00 to 410.00 m	1	30.00	(2.00 + 2.00) / 2	0.20	12.00	
	CH: 410.00 to 430.00 m	1	30.00	(2.00 + 2.00) / 2	0.20	12.00	
	CH: 430.00 to 460.00 m	1	30.00	(2.00 + 2.00) / 2	0.20	12.00	

212.00

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 460.00 to 490.00 m	1	30.00	2.00	+	2.00	0.25	15.00	
					2				
	CH: 490.00 to 502.00 m	1	12.00	2.00	+	2.00	0.25	6.00	
					2				
								81.00	
							Present Qty	233.00	CUM

11/4/22

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

SHRIA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 11/4/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.(I No-19.64,P No-147)						
			Previous Qunatity			0.00	
	Veerannapalya Main Road						
	CH: 00.00 to 30.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 30.00 to 60.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 60.00 to 80.00 m	1	20.00	2.00 + 2.00 / 2		40.00	
	CH: 80.00 to 110.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 110.00 to 140.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 140.00 to 170.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 170.00 to 200.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 200.00 to 230.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 230.00 to 260.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 260.00 to 290.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 290.00 to 320.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 320.00 to 350.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 350.00 to 380.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 380.00 to 410.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 410.00 to 430.00 m	1	30.00	2.00 + 2.00 / 2		60.00	
	CH: 430.00 to 460.00 m	1	30.00	2.00 + 2.00 / 2		60.00	

940.00

SHRIYA CONSTRUCTION AND CONSULTANCY

M.D

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 460.00 to 478.00 m	1	18.00	2.00	+	2.00		36.00	
					2				
									11/4/22
							Present Qty	976.00	Sqm

Contractor

RMC

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engine
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 6/4/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
12	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)						
			Previous Qunatity			**0.00**	
	Veerannapalya Main Road						
	CH: 00.00 to 30.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 30.00 to 60.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 60.00 to 80.00 m	1	20.00	2.00 + 2.00 / 2	0.15	6.00	
	CH: 80.00 to 110.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 110.00 to 140.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 140.00 to 170.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 170.00 to 200.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 200.00 to 230.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 230.00 to 260.00 m	1	30.00	2.00 + 2.00 / 2	0.10	6.00	
	CH: 260.00 to 290.00 m	1	30.00	2.00 + 2.00 / 2	0.10	6.00	
	CH: 290.00 to 320.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 320.00 to 350.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 350.00 to 380.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 380.00 to 410.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 410.00 to 430.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	
	CH: 430.00 to 460.00 m	1	30.00	2.00 + 2.00 / 2	0.15	9.00	

135.00

SHRIYA CONSULTANCY AND CONSTRUCTION

M.N.D

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 460.00 to 490.00 m	1	30.00	2.00	+	2.00	0.15	9.00	
					2				
	CH: 490.00 to 502.00 m	1	12.00	2.00	+	2.00	0.10	2.40	
					2				
								11.00	
							Present Qty	146.40	CUM

6/4/22

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 12/4/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete with all lead and lift as per the direction of engineer-in-charge						
			Previous Qunatity			0.00	
	Veerannapalya Main Road						
	CH: 140.00 to 170.00 m	1	30.00	(7.00 + 7.40) / 2		216.00	
	CH: 170.00 to 200.00 m	1	30.00	(7.40 + 8.30) / 2		235.50	
	CH: 200.00 to 230.00 m	1	30.00	(8.30 + 7.50) / 2		237.00	
	CH: 230.00 to 260.00 m	1	30.00	(7.50 + 7.60) / 2		226.50	
	CH: 260.00 to 290.00 m	1	30.00	(7.60 + 8.60) / 2		243.00	
	CH: 290.00 to 320.00 m	1	30.00	(8.60 + 11.80) / 2		306.00	
	CH: 320.00 to 350.00 m	1	30.00	(11.80 + 8.30) / 2		301.50	
	CH: 350.00 to 380.00 m	1	30.00	(8.30 + 7.80) / 2		241.50	
	CH: 380.00 to 410.00 m	1	30.00	(6.30 + 6.20) / 2		187.50	
	CH: 410.00 to 430.00 m	1	30.00	(6.20 + 6.20) / 2		186.00	
	CH: 430.00 to 460.00 m	1	30.00	(6.20 + 6.90) / 2		196.50	
	CH: 460.00 to 475.00 m	1	15.00	(6.90 + 6.90) / 2		103.50	12/4/22
					Present Qty	2680.50	Sqm

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / Sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)						
			Previous Qunatity			0.00	
	Veerannapalya Main Road						
	CH: 00.00 to 30.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 30.00 to 60.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 60.00 to 80.00 m	1	20.00	(2.00 + 2.00) / 2		40.00	
	CH: 80.00 to 110.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 110.00 to 140.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 140.00 to 170.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 170.00 to 200.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 200.00 to 230.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 230.00 to 260.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 260.00 to 290.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 290.00 to 320.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 320.00 to 350.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 350.00 to 380.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 380.00 to 410.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	
	CH: 410.00 to 430.00 m	1	30.00	(2.00 + 2.00) / 2		60.00	

880.00

SHRIYA CONSTRUCTION AND CONSULTANCY

N.D

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 430.00 to 460.00 m	1	30.00	2.00	+	2.00		60.00	
				2					
	CH: 460.00 to 478.00 m	1	18.00	2.00	+	2.00		36.00	13/4/22
				2					
							Present Qty	976.00	Sqm

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
15	KSRRB M500- 15. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications MORTH Specification No.507 (P.No.160 It.No.21.17.6)						
			Previous Qunatity			0.00	
	Veerannapalya Main Road						
	CH: 00.00 to 30.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	
	CH: 30.00 to 60.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	
	CH: 60.00 to 80.00 m	1	20.00	(2.00 + 2.00)/2	0.05	2.00	
	CH: 80.00 to 110.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	
	CH: 110.00 to 140.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	
	CH: 140.00 to 170.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	
	CH: 170.00 to 200.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	
	CH: 200.00 to 230.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	
	CH: 230.00 to 260.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	
	CH: 260.00 to 290.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	
	CH: 290.00 to 320.00 m	1	30.00	(2.00 + 2.00)/2	0.04	2.40	
	CH: 320.00 to 350.00 m	1	30.00	(2.00 + 2.00)/2	0.04	2.40	
	CH: 350.00 to 380.00 m	1	30.00	(2.00 + 2.00)/2	0.04	2.40	
	CH: 380.00 to 410.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	
	CH: 410.00 to 430.00 m	1	30.00	(2.00 + 2.00)/2	0.04	2.40	
	CH: 430.00 to 460.00 m	1	30.00	(2.00 + 2.00)/2	0.05	3.00	

SHRIYA CONSTRUCTION AND CONSULTANCY

Ashok. N.D

44.60.

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 460.00 to 490.00 m	1	30.00	2.00	+ 2.00 / 2		0.05	3.00	
	CH: 490.00 to 502.00 m	1	12.00	2.00	+ 2.00 / 2		0.05	1.20	13/4/22
								4.20	
							Present Qty	48.80	CUM

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

SHREE CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 9/5/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
16	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-161,I No-21.7)						
			Previous Qunatity			0.00	
	Veerannapalya Main Road						
	CH: 00.00 to 30.00 m	1	30.00	(5.90 + 5.60) / 2		172.50	
	CH: 30.00 to 60.00 m	1	30.00	(5.60 + 5.60) / 2		168.00	
	CH: 60.00 to 80.00 m	1	20.00	(5.60 + 5.60) / 2		112.00	
	CH: 80.00 to 110.00 m	1	30.00	(5.60 + 5.80) / 2		171.00	
	CH: 110.00 to 140.00 m	1	30.00	(5.80 + 7.00) / 2		192.00	
	CH: 140.00 to 170.00 m	1	30.00	(7.00 + 7.40) / 2		216.00	
	CH: 170.00 to 200.00 m	1	30.00	(7.40 + 8.30) / 2		235.50	
	CH: 200.00 to 230.00 m	1	30.00	(8.30 + 7.50) / 2		237.00	
	CH: 230.00 to 260.00 m	1	30.00	(7.50 + 7.60) / 2		226.50	
	CH: 260.00 to 290.00 m	1	30.00	(7.60 + 8.60) / 2		243.00	
	CH: 290.00 to 320.00 m	1	30.00	(8.60 + 11.80) / 2		306.00	
	CH: 320.00 to 350.00 m	1	30.00	(11.80 + 8.30) / 2		301.50	
	CH: 350.00 to 380.00 m	1	30.00	(8.30 + 7.80) / 2		241.50	
	CH: 380.00 to 410.00 m	1	30.00	(6.30 + 6.20) / 2		187.50	
	CH: 410.00 to 430.00 m	1	30.00	(6.20 + 6.20) / 2		186.00	
	CH: 430.00 to 460.00 m	1	30.00	(6.20 + 6.90) / 2		196.50	

3398.50

SHRIYA CONSTRUCTION AND CONSULTANCY

N.D

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 460.00 to 490.00 m	1	30.00	6.90	+	6.90		207.00	
					2				
	CH: 490.00 to 502.00 m	1	12.00	2.00	+	2.00		24.00	
					2				231.00
							Present Qty	3623.50	Sqm

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

SHIVA CONSULTANCY CONSTRUCTION AND

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Bruhat Bengaluru Mahanagara Palike

BRUHAT BENGALURU MAHANAGARA PALIKE,
BYATARAYANAPURA DIVISION

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

MEASUREMENT SHEETS

Samba Shiva.

007 - 22 - 000004

"FIRST & FINAL BILL"

1st and Final Bill

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Work Order No.: BBMP/EE/BTP/W.O/62/2021-22 DATED:25-03-2022

Job code: 007-22-000004

Est. cost: 100.00 lakhs

Name Of contractor: Sri Samba Shiva

Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.(I.NO 19.1,Page no 143 SR 2018-19)								
	Pre Measurements recorded in Vide page no 3.								
		CUM							
	Previous Bill Quantity						0.00		
	Total present bill Quantity						332.39		
	Schedule B Quantity						332.48		
	Reserved Quantity						0.00		
	Quantity to be Claimed in this Bill						**332.39**	**225.96**	**75107.75** 00
2	KSRB 4-12: Providing and laying Plain cement concrete 1:3:6 mix with OPC 220kgs with crushed stone aggregate 40 mm and down size graded granite metal coarse aggregates @0.892Cum and fine aggregates @ 0.465Cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No-13,I No-4.2 of PWD BCSR 2018-19)								
	Pre Measurements recorded in Vide page no 6								
		Cum							
	Previous Bill Quantity						0.00		
	Total present bill Quantity						157.56		
	Schedule B Quantity						157.97		
	Reserved Quantity						0.00		990473.00
	Quantity to be Claimed in this Bill						**157.56**	**6286.32**	**990444.29**
3	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification No. Pg No.229 Item No.28.8.2								
	Pre Measurements recorded in Vide page no 7								
		MT							
	Previous Bill Quantity						0.00		
	Total present bill Quantity						4.20		
	Schedule B Quantity						4.24		
	Reserved Quantity						0.00		399377.00
	Quantity to be Claimed in this Bill						**4.20**	**95089.65**	**399798.54**

SHRIYA CONSULTANCY AND CONSTRUCTION

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

4	Providing Granite slabs of selected quality roughly dressed and fixedin cement mortor (1:6) including fixing, curing etc.,complete 7.5 cms thick (Item No 5.31.1, P no 27, KPWD SR 2018-19)				
	Pre Measurements recorded in Vide page no 10				
	SQM				
	Previous Bill Quantity	0.00			
	Total present bill Quantity	1912.88			
	Schedule B Quantity	1912.88			
	Reserved Quantity	0.00			1489751.00
	Quantity to be Claimed in this Bill	1912.88	778.80	1489752.89	
5	Providing Granite slabs of selected quality roughly dressed and fixedin cement mortor (1:6) including fixing, curing etc.,complete 10 cms thick (Item No 5.31.12, P no 27, KPWD SR 2018-19)				
	Pre Measurements recorded in Vide page no 13				
	Sqm				
	Previous Bill Quantity	0.00			
	Total present bill Quantity	1275.26			
	Schedule B Quantity	1275.26			1293958.00
	Reserved Quantity	0.00			
	Quantity to be Claimed in this Bill	1275.26	1014.67	1293962.99	
	Ctd to Qty	1275.25			
7	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69Cum and fine aggregate at 0.43Cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification WALL & Bottom thickness 15Cm(Item No 37.59.2 page no 271)				
	Pre Measurements recorded in Vide page no 15				
	CUM				
	Previous Bill Quantity	0.00			
	Total present bill Quantity	66.40			
	Schedule B Quantity	66.43			
	Reserved Quantity	0.00			538707.00
	Quantity to be Claimed in this Bill	66.40	8113.06	538699.07	
10	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading (I No 19.14,P No-143) (8 km lead = 2*1.28X5)				
	Pre Measurements recorded in Vide page no 17				
	CUM				
	Previous Bill Quantity	0.00			
	Total present bill Quantity	233.00			
	Schedule B Quantity	234.94			
	Reserved Quantity	0.00			
	Quantity to be Claimed in this Bill	233.00	67.11	15636.63	
					15634.00

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

11	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.(I No-19.64,P No-147)				
	Pre Measurements recorded in Vide page no 19				
	SQM				
	Previous Bill Quantity	0.00			
	Total present bill Quantity	976.00			
	Schedule B Quantity	978.90			
	Reserved Quantity	0.00			
	Quantity to be Claimed in this Bill	**976.00**	6.68	6519.68	
				6520.00	
12	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)				
	Pre Measurements recorded in Vide page no 21				
	CUM				
	Previous Bill Quantity	0.00			
	Total present bill Quantity	146.40			
	Schedule B Quantity	146.84			
	Reserved Quantity	0.00			
	Quantity to be Claimed in this Bill	**146.40**	2100.54	307519.06	
				.00	
13	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete with all lead and lift as per the direction of engineer-in-charge				
	Pre Measurements recorded in Vide page no 22				
	SQM				
	Previous Bill Quantity	0.00			
	Total present bill Quantity	2680.50			
	Schedule B Quantity	2685.70			
	Reserved Quantity	0.00			
	Quantity to be Claimed in this Bill	**2680.50**	5.56	14903.58	
				14904.00	
14	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / Sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)				
	Pre Measurements recorded in Vide page no 24				
	Sqm				
	Previous Bill Quantity	0.00			
	Total present bill Quantity	976.00			
	Schedule B Quantity	978.90			
	Reserved Quantity	0.00			
	Quantity to be Claimed in this Bill	**976.00**	35.60	34745.60	
				34746.00	

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

15	KSRRB M500- 15. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications MORTH Specification No.507 (P.No.160 It.No.21.17.6)			
	Pre Measurements recorded in Vide page no 26			
	Cum			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	48.80		
	Schedule B Quantity	48.95		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	**48.80**	**8969.59**	**437715.99**
16	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-161,I No-21.7)			
	Pre Measurements recorded in Vide page no 27			
	Sqm			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	3623.50		
	Schedule B Quantity	3664.60		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	**3623.50**	**13.35**	**48373.73**

437716.00

48374.00

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 9/5/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
6	Providing one line dressing to Granite stone slabs/granite stone masonry as per specificatons (Item No KBS 5.1.13,)								
	B.S Slab Drain								
	Vinayaka Layout 2nd Stage								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00			
	CH: 90.00 to 120.00 m	1	30.00	0.90		27.00			
	4th main 2nd Cross Road RHS								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00			
	CH: 90.00 to 116.95	1	26.95	0.90		24.26			
	5th main Road LHS								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 31.00 m	1	1.00	0.90		0.90			
	5th main Road RHS								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 31.00 m	1	1.00	0.90		0.90			
	5th Main 1st Cross Road LHS								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00			
	CH: 60.00 to 83.00 m	1	23.00	0.90		20.70			
	5th Main 1st Cross Road RHS								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00			
	CH: 60.00 to 83.00 m	1	23.00	0.90		20.70			
	4th Cross Road LHS								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00			
	CH: 90.00 to 110.00 m	1	20.00	0.90		18.00			
	4th Cross Road RHS								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00			
	CH: 90.00 to 110.00 m	1	20.00	0.90		18.00			
	3rd Cross Road LHS								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00			
	CH: 90.00 to 106.00 m	1	16.00	0.90		14.40			
	3rd Cross Road RHS								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			

9/5/22
Executive Engineer

9/5/22
Executive Engineer

738.86

SHRIYA CONSTRUCTION AND CONSULTANCY

Asst. M.D

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	CH: 30.00 to 60.00 m	1	30.00	0.90	27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90	27.00			
	CH: 90.00 to 106.00 m	1	16.00	0.90	14.40			
	2nd Cross Road LHS							
	CH: 00.00 to 30.00 m	1	30.00	0.90	27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90	27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90	27.00			
	CH: 90.00 to 95.00 m	1	5.00	0.90	4.50			
	2nd Cross Road RHS							
	CH: 00.00 to 30.00 m	1	30.00	0.90	27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90	27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90	27.00			
	CH: 90.00 to 95.00 m	1	5.00	0.90	4.50			
	1st Cross Road LHS							
	CH: 00.00 to 30.00 m	1	30.00	0.90	27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90	27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90	27.00			
	1st Cross Road RHS							
	CH: 00.00 to 30.00 m	1	30.00	0.90	27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90	27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90	27.00			
	Cross Roads from 1st to 4th Cross LHS							
	CH: 00.00 to 30.00 m	1	30.00	0.90	27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90	27.00			
	CH: 60.00 to 75.00 m	1	15.00	0.90	13.50			
	Cross Roads from 1st to 4th Cross RHS							
	CH: 00.00 to 30.00 m	1	30.00	0.90	27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90	27.00			
	CH: 60.00 to 75.00 m	1	15.00	0.90	13.50			
						536.40		
				Previous Bill Quantity	0.00			
				Total present bill Quantity	1275.26			
				Schedule B Quantity	1275.26			09/5/22
				Reserved Quantity	0.00			
				Quantity to be Claimed in this Bill	1275.26	SQM	997.98	1272678.98
					1275.25			1272674.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

SRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 9/5/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate) Kerb								
	CC Drain								
	Navya Nagar Drain								
	3rd Cross Road L Type LHS								
	CH: 00.00 to 30.00 m	50	0.60	0.75		22.50			
	CH: 30.00 to 60.00 m	50	0.60	0.75		22.50			
	CH: 60.00 to 90.00 m	50	0.60	0.75		22.50			
	CH: 90.00 to 108.00 m	30	0.60	0.75		13.50			
	3rd Cross Road L Type RHS								
	CH: 00.00 to 30.00 m	50	0.60	0.75		22.50			
	CH: 30.00 to 60.00 m	50	0.60	0.75		22.50			
	CH: 60.00 to 90.00 m	50	0.60	0.75		22.50			
	CH: 90.00 to 108.00 m	30	0.60	0.75		13.50			
					Previous Bill Quantity	0.00			03/5/22
					Total present bill Quantity	162.00			
					Schedule B Quantity	162.00			
					Reserved Quantity	0.00			
					Quantity to be Claimed in this Bill	162.00	SQM	2452.92	397373.04

C & R

9/5/22

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 9/5/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8 9.	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Culverts								
	4th main	12	0.60	1.00		7.20			
	5th main Road	12	0.60	1.00		7.20			
	5th Main 1st Cross	12	0.60	1.00		7.20			
	4th Cross Road	12	0.60	1.00		8.64			
	3rd Cross Road	12	0.60	1.20		7.20			
	2nd Cross Road	12	0.60	1.00		7.20			
	1st Cross Road	12	0.60	1.00		0.00			
					Previous Bill Quantity	0.00			
					Total present bill Quantity	44.64			
					Schedule B Quantity	45.00			
					Reserved Quantity	0.00			
					Quantity to be Claimed in this Bill	**44.64**	SQM	5686.73	253855.63

253858.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

9/5/22

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

PMC

Assistant Engineer

Asst Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 9/5/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
17	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4 % VG-30 Bitumen (P.No-162 I No-21.22.6)								
			Previous Qunatity			0.00			
	Veerannapalya Main Road								
	CH: 00.00 to 30.00 m	1	30.00	(5.90 + 5.60)/2	0.04	6.90			
	CH: 30.00 to 60.00 m	1	30.00	(5.60 + 5.60)/2	0.04	6.72			
	CH: 60.00 to 80.00 m	1	20.00	(5.60 + 5.60)/2	0.04	4.48			
	CH: 80.00 to 110.00 m	1	30.00	(5.60 + 5.80)/2	0.04	6.84			
	CH: 110.00 to 140.00 m	1	30.00	(5.80 + 7.00)/2	0.04	7.68			
	CH: 140.00 to 170.00 m	1	30.00	(7.00 + 7.40)/2	0.04	8.64			
	CH: 170.00 to 200.00 m	1	30.00	(7.40 + 8.30)/2	0.04	9.42			
	CH: 200.00 to 230.00 m	1	30.00	(8.30 + 7.50)/2	0.04	9.48			
	CH: 230.00 to 260.00 m	1	30.00	(7.50 + 7.60)/2	0.04	9.06			
	CH: 260.00 to 290.00 m	1	30.00	(7.60 + 8.60)/2	0.04	9.72			
	CH: 290.00 to 320.00 m	1	30.00	(8.60 + 11.80)/2	0.04	12.24			
	CH: 320.00 to 350.00 m	1	30.00	(11.80 + 8.30)/2	0.04	12.06			
	CH: 350.00 to 380.00 m	1	30.00	(8.30 + 7.80)/2	0.04	9.66			
	CH: 380.00 to 410.00 m	1	30.00	(6.30 + 6.20)/2	0.04	7.50			
	CH: 410.00 to 430.00 m	1	30.00	(6.20 + 6.20)/2	0.04	7.44			
	CH: 430.00 to 460.00 m	1	30.00	(6.20 + 6.90)/2	0.04	7.86			
	CH: 460.00 to 490.00 m	1	30.00	(6.90 + 6.90)/2	0.04	8.28			
	CH: 490.00 to 502.00 m	1	12.00	(6.90 + 6.90)/2	0.03	2.48			
				Previous Bill Quantity		0.00			
				Total present bill Quantity		146.46			
				Schedule B Quantity		146.58			
				Reserved Quantity		0.00			
				Present Qty		146.46	CUM	10497.15	1537454.58

9/5/22

1537413.00

Executive Engineer

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 2nd Stage and surrounding areas in ward no -07, Byatarayanapura

Detailed Measurements

Measurement Recorded On: 9/3/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
18	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per Sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)								
	Previous Qunatity					**0.00**			
	Veerannapalya Main Road								
	CH: 00.00 to 30.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 30.00 to 60.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 60.00 to 80.00 m	2.5	20.00	0.10 + 0.10 / 2		5.00			
	CH: 80.00 to 110.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 110.00 to 140.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 140.00 to 170.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 170.00 to 200.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 200.00 to 230.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 230.00 to 260.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 260.00 to 290.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 290.00 to 320.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 320.00 to 350.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 350.00 to 380.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 380.00 to 410.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 410.00 to 430.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 430.00 to 460.00 m	2.5	30.00	0.10 + 0.10 / 2		7.50			
	CH: 460.00 to 478.00 m	2.5	18.00	0.10 + 0.10 / 2		4.50			
	CH: 490.00 to 502.00 m	2.5	12.00	0.10 + 0.10 / 2		3.00			
					Previous Bill Quantity	0.00			
					Total present bill Quantity	125.00			
					Schedule B Quantity	125.50			
					Reserved Quantity	0.00			
					Present Qty	**125.00**	**Sqm**	**477.30**	**59662.50**
							Civil Works Amount		**9174204.52**
							12% GST		**1100904.54**
							Total		**10275110.00**
							Round off		

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

9/5/22

59663.00

9174068.00
1100888.16
10274956.16
10270,000.00

Contractor

PWD

Assistant Engineer

Asst. Executive Engineer

SHREYA CONSTRUCTION AND CONSULTANCY

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore